Lenovo

Lenovo ThinkServer TD330 server 0 GB Tower (5U) Intel® Xeon® E5 Family E5-2407 2,2 GHz 4 GB DDR3-SDRAM 800 W

Brand : Lenovo   **Product family:** ThinkServer   **Product code:** SH9A6FR

Product name : TD330

Intel Xeon E5-2407 (2.20 GHz), 4GB DDR3 RAM, 4/8x 2.5"/3.5" SAS/SATA HDD, Gigabit Ethernet, DVD-RW, 6x USB 2.0, 800W, 25kg, Tower 5U
Lenovo ThinkServer TD330. Processor family: Intel® Xeon® E5 Family, Processor frequency: 2,2 GHz, Processor model: E5-2407. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory layout (slots x size): 1 x 4 GB. Total storage capacity: 0 GB, Hard drive interface: Serial ATA, Serial Attached SCSI (SAS). Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Optical drive type: DVD-RW. Power supply: 800 W, Redundant power supply (RPS) support. Chassis type: Tower (5U)

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Xeon® E5 Family
Processor model *	E5-2407
Processor frequency *	2,2 GHz
Processor cores	4
Processor cache	10 MB
Motherboard chipset	Intel C600
Memory channels supported by processor	Triple
Number of processors installed	1
Thermal Design Power (TDP)	80 W
Processor cache type	Smart Cache
System bus rate	6,4 GT/s
Processor socket	LGA 1356 (Socket B2)
Processor lithography	32 nm
Processor threads	4
Processor operating modes	64-bit
Stepping	M1
FSB Parity	✘
Bus type	QPI
Number of QPI links	1
Processor codename	Sandy Bridge EN
Maximum internal memory supported by processor	375 GB
Memory types supported by processor	DDR3-SDRAM
Memory clock speeds supported by processor	800,1066 MHz
Memory bandwidth supported by processor (max)	25 GB/s

Expansion slots

PCI Express slots version	3.0

Design

Chassis type *	Tower (5U)

Software

Operating system installed *	✘
Compatible operating systems *	Windows Server 2008 x86 Standard/Enterprise/Datacenter Windows Server 2008 x64 Standard/Enterprise/Datacenter Windows Server 2008 R2 x64 Standard/Enterprise/Datacenter Windows Server 2008 R2 SP1 x64 Standard/Enterprise/Datacenter Windows Small Business Server 2011 Novel SUSE Linux Enterprise Server 11.1 / 11.2 RedHat Enterprise Linux Server 5.7 / 6.1) VMWare vSphere 5 Hyper-v Server 2008 Hyper-v Server 2008 R2 SP1

Processor special features

CPU configuration (max)	2
Intel Rapid Storage Technology	✘
Enhanced Intel SpeedStep Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✘
Intel® Wireless Display (Intel® WiDi)	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔

Processor

ECC supported by processor	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Maximum number of PCI Express lanes	24
Processor package size	45 x 42.5 mm
Supported instruction sets	AVX
Processor code	SR0LR
Scalability	2S
Embedded options available	✘
Processor series	Intel Xeon E5-2400
Conflict-Free processor	✘

Memory

Internal memory *	4 GB
Internal memory type *	DDR3-SDRAM
Memory slots	12x DIMM
ECC	✔
Memory clock speed	1333 MHz
Memory layout (slots x size)	1 x 4 GB
Maximum internal memory *	192 GB

Storage

Maximum storage capacity *	24 TB
Total storage capacity *	0 GB
Hard drive interface	Serial ATA, Serial Attached SCSI (SAS)
Number of hard drives supported	8
Supported HDD sizes	2.5,3.5"
RAID support *	✔
RAID levels	0, 1
Hot-swap	✔
Optical drive type *	DVD-RW

Network

Network ready	✔
Networking features	Gigabit Ethernet
Ethernet LAN	✔
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

Ethernet LAN (RJ-45) ports *	2
USB 2.0 ports quantity	6
VGA (D-Sub) ports quantity	1
Serial ports quantity	1

Processor special features

Intel® Anti-Theft Technology (Intel® AT)	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Turbo Boost Technology	✘
Intel® Quick Sync Video Technology	✘
Intel® InTru™ 3D Technology	✘
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel® Insider™	✘
Intel Flex Memory Access	✘
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✔
Intel Clear Video Technology	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Intel Identity Protection Technology version	0,00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	64614

Power

Redundant power supply (RPS) support *	✔
Power supply *	800 W

Certificates

Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	195 mm
Depth	595 mm
Height	430 mm
Weight	25 kg

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